THE

# WESTERN JOURNAL,

AND

# Civilian,

DEVOTED TO

**Agriculture, Manufactures, Mechanic Arts, Internal Improvement, Commerce,**

## PUBLIC POLICY,

AND

## POLITE LITERATURE.

Agriculture and the Mechanic Arts are the basis of Civilization.

M. TARVER & H. COBB,
EDITORS & PROPRIETORS.

**Vol X., O. S.—Vol. IV., N. S.**

PUBLISHED MONTHLY.

ST. LOUIS:
PRINTED BY M. NIEDNER, WELD BUILDINGS, CHESNUT STREET.

1853.

HC101
.W5

47279

THE LIBRARY
OF CONGRESS

# GENERAL INDEX

## TO THE TENTH VOLUME OF THE WESTERN JOURNAL.

### ARTICLES BY THE SENIOR EDITOR.


PAGE.

Slopes and Valleys of the Rocky Mountains. 1
History: Its Uses. 77
The Public Press. 153
Manufacturing Associations 227
Agricultural Education 303
Railroad Iron: Its Manufacture in the United States 377


### ARTICLES BY THE JUNIOR EDITOR.


Iron Mountain and South Missouri, Chalk Bluff and Fulton, Little Rock and Chalk Bluff and St. Louis and Little Rock Railroad 40
Wandering Aurora. From the German of Jean Paul 66
North Missouri Railroad 119
Southern and Western Commercial Convention. 191
Pacific Railroad: Its Condition and Progress 212
Mississippi Valley Railroad 213
Summer Retreats 226
Literary Notices 227
Arkansas and Missouri Railroad. 264
Kentucky and Missouri Railroad Connection 281
Sleeper, Awake! 294
Little Rock and Jacksonport Railroad 353
Iowa, North Missouri, Mississippi Valley Railroad. 364
Nashville and Northwestern Railroad 355
Pacific Railroad. Reasons for renewed exertion. Raising value of land, &c. 427


### CONTRIBUTIONS.


Climate of California. By GEORGE WILLING, M. D., of St. Louis, Mo 20
Natural History—Birds of the Mississippi Valley. By Rev. J. M. PECK, of Illinois 29
Valley of the Ohio—Its Conquest and Settlement by Americans. By MANN BUTTLER, Esq., Author of the History of the Commonwealth of Kentucky. 62, 136, 214, 335
Table Song. By * of St. Charles, Mo 67
The Plains. By FRANCOIS DES MONTAIGNES, of St. Louis, Mo. 69, 150, 222, 295, 370, 441
Virgil. From the French of Voltaire. By E. A. DUBRUIL, Esq., Member of the St. Louis Bar 74, 143
North Missouri Railroad. By B. EMMONS, Esq., of St. Charles, Mo 125
North Missouri Railroad. Appeal for immediate action &c. By * * * of St. Charles, Mo 143
Bellefontain Cemetery. A poem by EDWARD STAGG, Esq., of St. Louis. 143
Des Moines Valley. By SAM. R. CURTIS, Esq., of Mo 187
Columbus. From the German of Schiller. By H., of St. Charles, Mo 302
Evils of Slavery. Review of Uncle Tom's Cabin. By Hon. A. BEATTY, of Kentucky 320
Hannibal and St. Joseph Railroad. Estimated Value of Lands. By JAMES M. BUCKLIN, Esq., Civil Engineer 368
In Memoriam. A poem. By WM. GARDNER BLACKWOOD, Esq., of St. Louis, Mo 376
Stanzas. By MARIA GERTRUDE BUCHANAN, of Savannah, Ga. 378
Habits of the Missouri River—Harbor of St. Joseph. By SAMUEL R. CURTIS, Civil Engineer 383
Key to Uncle Tom's Cabin. Review. By Hon. A. BEATTY, of Ky 388
Thoughts on Intellectual Culture. By a Member of the Keokuk (Iowa) Bar 435
The Tempest of the Soul. By MARIA GERTRUDE BUCHANAN 440

## GENERAL INDEX TO THE TENTH VOLUME.


A.

Agricultural Meteorology, 182.
Agrigultural productions of the several States and Territories of the United States, from the census of 1850, 193.
Agricultural education, 303.
Ancient and modern highways, 26.
Architecture and consumption, 242.
Architecture, rural, 329.
Arkansas— Mississippi Valley Railroad, 39.
Arkansas Slate, Cincinnati and Little Rock Slate Co., 84.
Arkansas and Missouri R. R., 128, 264.
Arkansas marble, 263.
Aurora, Wandering Aurora, 66.

B.

Barley, quantity produced in the United States, 204.
Beeswax, quantity produced in the U. S., 210.
Bellefontaine Cemetery, 143.
Belleville and Murpheysborough Railroad, 366.
Blind, Institution for, in Mo., 387.
Birds of the Mississippi Valley, 29.
Bucklin, James M., Report of the survey of Hannibal and St. Joseph Railroad, 270.
Buckwheat, quantity produced in the U. S., 206.
Butter, quantity made in the U. S., 206.

C.

Cairo and Fulton Railroad, 424.
California, climate of, 20.
Catawba grape, its history, 179.
Cattle, what is perfection in, 399.
Cattle, value of, in the U. S., 198.
Cheese, quantity made in the U.S., 206.
Chicago, its commerce, manufactures, &c., in 1852, 51.
Climate of California, 20.
Coalfield of North Missouri, 270.
Coffee, imports at New Orleans, for 3 years, 413.
Columbus, from the German of Schiller, 302.
Commerce of Chicago in 1852, 51.
Commerce, the bearing of physical circumstances upon its development, 96.
Commercial convention at Memphis in 1853, 191.
Commerce of the U. S., tabular statement for the year ending 30th June, 1852, 284.
Commerce of each State, 288. Vessels entering the ports of the U. S., 290. Tonnage of the several districts of the U. S., 342. Vessels built in each State, for the year ending 30th June, 1852, 345.
Commerce of New Orleans. Tabular statement for the year ending 30th August, 1853, 412.
Consumption and architecture, 242.
Convention, Southern and Western, at Memphis, 191.
Coo-che-tope Pass, 6.
Corn, Indian, produced in the United States, 202.
Cotton, quantity produced in the United States, 204.
Cotton, tabular statement of the cotton trade at New Orleans, 414.

D.

Drama: its objects, 152.
Desmoines valley, description of, 187.

E.

Economy of the freight train; its construction, &c., 234.
Education for all, 172.
Education, agricultural, 303.
Elk Knobs of North Missouri, 270.
Evils of slavery. Review of Uncle Tom's Cabin, 320.

F.

Fairs, industrial, 227.
Farms and farming implements, value of, in the U. S., 198.
Financial statistics of St. Louis, 131 to 134, of St. Louis county, 410 to 412.
Fisheries of Plymouth colony, history of, 160.
Flax and flax seed, quantity produced in the United States, 208.
Foreign investments in the U. S., 197.
Freight train, economy of its construction, 234.
French: his plan for overcoming steep grades on railroads, 111.

G.

Gardens, value of produce in the United States, 206.
Geographical, geological and statistical relations of the Ohio and Mississippi Railroad, 96.
Geology of the Sierra Nevada, 248, 310.
Grapes, history of the Catawba grape, 179.
Grape vines: pruning and training, 256.

H.

Hay, quantity produced in the United States, 208.
Hannibal and St. Joseph Railroad, Engineer's report, 271. Estimated value of the lands granted in its aid by Congress, 368.
Hemp, quantity produced in the United States, 208.
History, natural, of the birds of the Mississippi Valley, 29.
History: its uses, 77.
History of the fisheries of Plymouth colony, 160.
Hickman Railroad, organization, &c., 419.
Highways, ancient and modern, 26.
Hogs, number of, in the U. S., 200.

Hops, quantity produced in the United States, 208.
Horses, number of, in the U, S., 200.

I.

In Memoriam, a poem, 376.
Industrial Universities, 172.
Industrial Fairs, 227.
Intellectual Culture, 435.
Institution for the Education of the Blind, 377.
Iowa and North Missouri Railroad, 126, 267.
Iowa, North Missouri and Mississippi Valley Railroad, 364.
Iron Mountain and Little Rock Railroad, 40, 424.
Iron, manufacture of rails in the U. S., 377.

K.

Kansas, valley of, 3.
Kentucky and Missouri Railroad, 281.
Key to Uncle Tom's Cabin, reviewed, 288.

M.

Manufactures, home made, value of in the U. S., 210.
Manufacturing associations, 227.
Manufacture of Railroad iron in Missouri, 377.
Marble in Arkansas, 263.
Memphis, Southern and Western Convention in 1853, 191.
Minnesota, Mississippi valley railroad, address of Judge Meeker, 11.
Mississippi Valley Railroad, 213.
Missouri institution for the education of the Blind, 377.
Missouri river, its habits. Harbor of St. Joseph, 383.
Molasses, quantity produced in the U. S., 210.
Morris and Essex Railroad, 118.
Mules and asses, number of, in the U. S., 200.

N.

Nashville and Northwestern Railroad, 365.
Natural history: Birds of the Mississippi valley, 29.
New Orleans: Commercial statistics for the year ending 31st July, 1853, 412 to 418.
New Madrid Railroad Convention, 420.
North Missouri and Iron Mountain R. Road, 76.
North Missouri Railroad, length, cost, &c., 119.
North Missouri Railroad, meeting of directos, reasons for taxation, &c. 125.

O.

Oats, quantity produced in the U.S. 202.
Orchards, value of produce in the U. S., 206.
O'Sullivan, Thomas S., consulting engineer of Cairo & Fulton R. R., 424.
Oxen, number in the U. S., 200.

P.

Pacific Railroad: Its progress, &c. 212. Opening and celebration at Franklin, 264. Its influence on the price of real estate along the line, 427.
Peas, quantity produced in the United States, 204.
Plains on the eastern slope of the Rocky Mountains, a collection of veracious momoranda, taken during the expedition of exploration, in the year 1845, from the western settlements of Missouri to the Mexican border, and from Bent's Fort on the Arkansas, to Fort Gibson, via South Fork of the Canadean, North Mexico and Northwestern Texas, 69, 150, 222, 295, 370, 441.
Plankroads, Ste. Genevieve and Iron Mountain complete, 424.
Point Pleasant, Railroad convention at, &c., 420.
Potatoes, Irish anp sweet, produced in the U. S., 204.
Press, public: its influence, &c., 153.
Pruning and training grape vines, 256.

R.

RAILROADS. Minnesota, Mississippi Valley Railroad, address of Judge Meeker, 11. Railroad to the Pacific, Letter from Richard Rush to Col. Benton, 26. Railroad movements in Arkansas, 39. Iron Mountain and Little Rock Railroad, 40, 76. Ohio and Mississippi Railroad, its geographical relations, 87. Morris and Essex Railroad, 118. North Missouri Railroad, 119, 125. Iowa and North Mo. Railroad, convention at Chariton, 126, 267. Arkansas and Mo. Railroad, 128, 264. Mississippi Valley R. R., Resolutions of the Memphis convention, 191. Movements on the line of the Mississippi Valley R. R., 213. Pacific Railroad, its progress, 212. Opening of to Franklin, 266. Its influence on the value of real estate, 432. Hannibal and St. Joseph R. R. Engineer's report, 270. Value of lands granted in aid of its construction, 368. St. Louis and Iron Mountain R. R., Memorial to the City Council, 277. Kentucky and Mo. R.R. Convention, 281. Little Rock and Jacksonport R. R., 353. Iowa and North Mo. R. R. Facts and suggestions, by the Junior Editor, 364. Nashville and Northwestern R. R., 365, Belleville and Murphyborough R. R., 366. Railroad Literature, 367. Hickman Railroad, organization, 419. New Madrid Railroad, convention, 420. Cairo and Fulton Railroad, 424. St. Louis and Iron Mountain Railroad, contract for the

construction to Meramec, 424. Fort Madison, Keosauqua and Bloomfield Railroad, 425.
Railroad iron manufacture in Missouri, &c., 377.
Railway share list: names of roads, number of miles completed, price of stocks, cost of roads, &c., 364.
Rice, quantity produced in the United States, 202.
Rocky Mountains, its slopes and valleys, 1.
Rye, quantity produced in the United States, 202.
Rural architecture, 329.
Ste. Genevieve, Iron Mountain and Pilot Knob Plankroad completed, branch to Mine Lamotte and Fredericktown, 424.

S.

St. Louis, financial statistics for the year ending April, 1853, 410. St. Louis county statistics; road fund; Jury fund; school fund; State school fund; toll fund; fund for mcadamizing roads. Indebtedness of the county on county bonds. Stock subscribed to railroads, &c., 410 to 412.
St. Louis and Iron Mountain railroad, memorial to city council, 277. Contract for the construction of the road to Meramec river, 424.
St. Joseph, improvement of its harbor, 383.
Salt, quantity imported at New Orleans, 413.
San Luis Valley, New Mexico, 6.
Sheep, number of in the U. S., 200.
Shipping and ship building, vide Commerce of the U. S., and Commerce of New Orleans.
Sierra Nevada, its geology, 248, 310.
Silk, quantity of cocoons produced in the U. S., 208.
Slate quarry near Little Rock, Ark., 84.
Slavery: review of Uncle Tom's Cabin, 320. Key to same, 488.
Sleeper, awake. Lines from the German of Rosegarten, 294.
Slopes and valleys of the Rocky Mountains, 1.
Song: table-song from the German of Goethe, 67.
Stanzas, by Maria Gertrude Buchanan, 378.
Steamboats, arrivals in New Orleans, for a series of years, 418.
Sugar: cane and maple, quantity produced in the U. S., 208.
Sugar crop in Louisiana for a series of years, 417.

T.

Table-Song, vide song, &c.
Tempest of the soul; a poem, 446.
Thoughts on intellectual culture, 435.
Tobacco, quantity produced in the U. S., 202. Receipts and exports at N. Orleans for a series of years, 417.
Tonnage of the U. S., 342.

U.

Uncle Tom's Cabin, review 320. Key to same, 488.
United States: vide productions of agricutture, 198. Commerce of, 284, 288. American and foreign vessels, 290, 345, &c.
Universities, industrial, 172.

V.

Vallies and slopes of the Rocky Mountains, 1.
Valley of the Ohio: its conquest and settlement by Americans, 62, 136, 214, 335.
Valley of the Desmoines, 187.
Valley of San Luis, New Mexico, 6.
Vessels, vide commerce of the U. S. New Orleans, &c.
Virgil, from the French of Voltaire, 74, 143.
Varieties Theater, 445.

W.

Wheat: quantity produced in the United S., 202.
Wine, specimens of Missouri wine for the world's fair, 179.
Wine, quantity produced in the United States, 206.
Wool, quantity produced in the United States, 204. Wool trade at Chicago, 61.